

Figure 1: Examples of Chemically Stabilized Enzymatic Nucleic Acid motifs

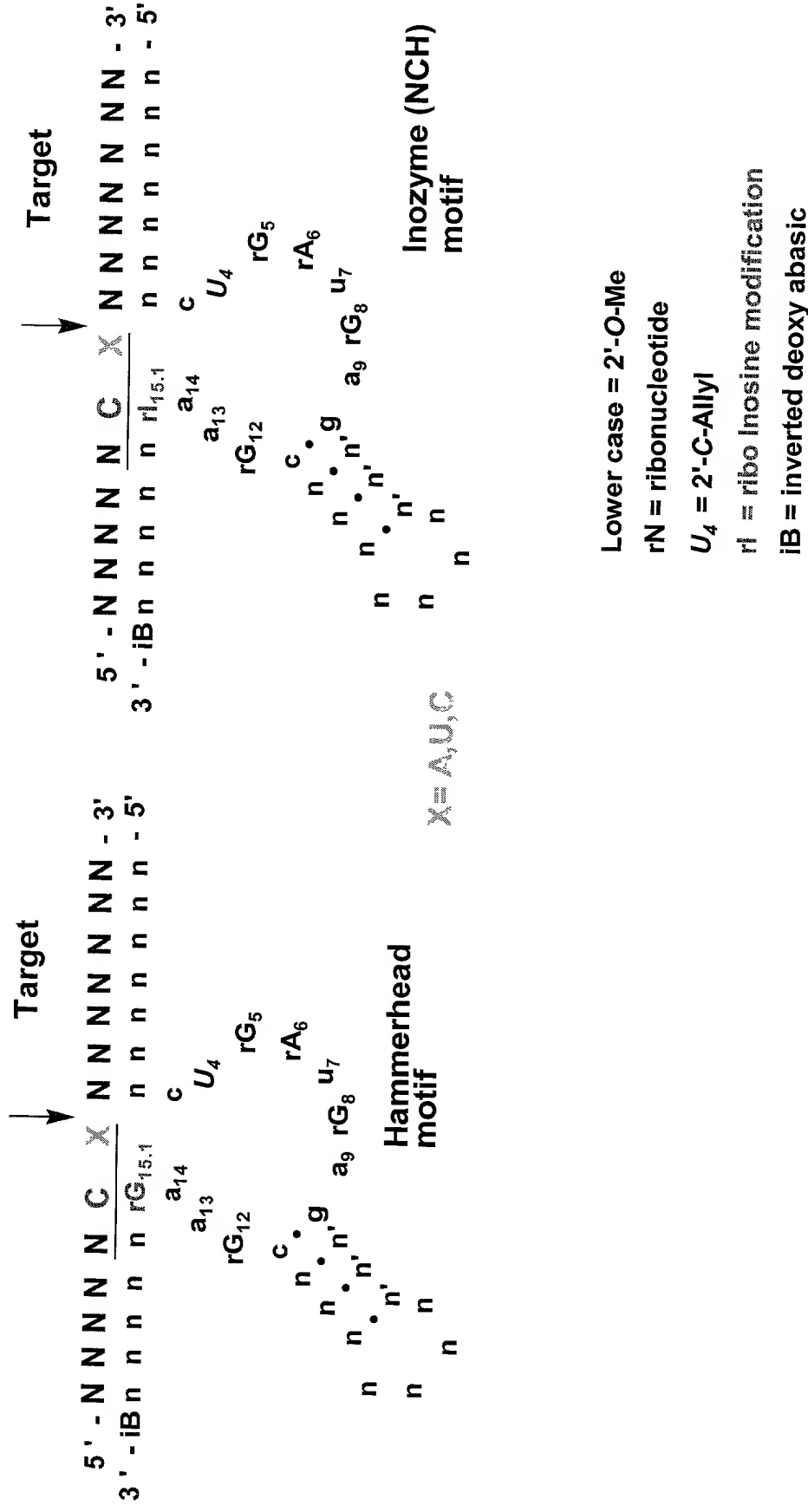


Figure 2: G-cleaver Motif

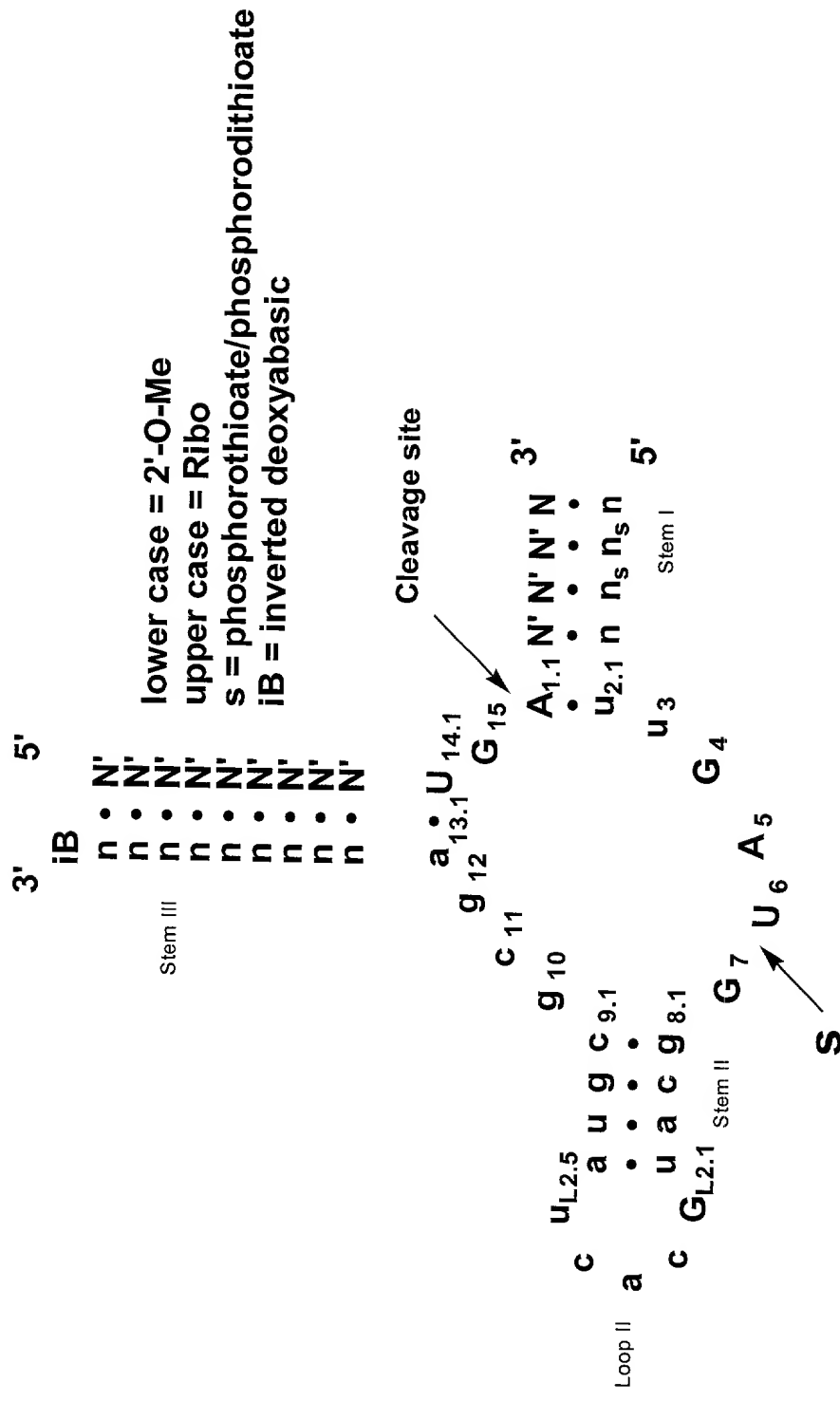
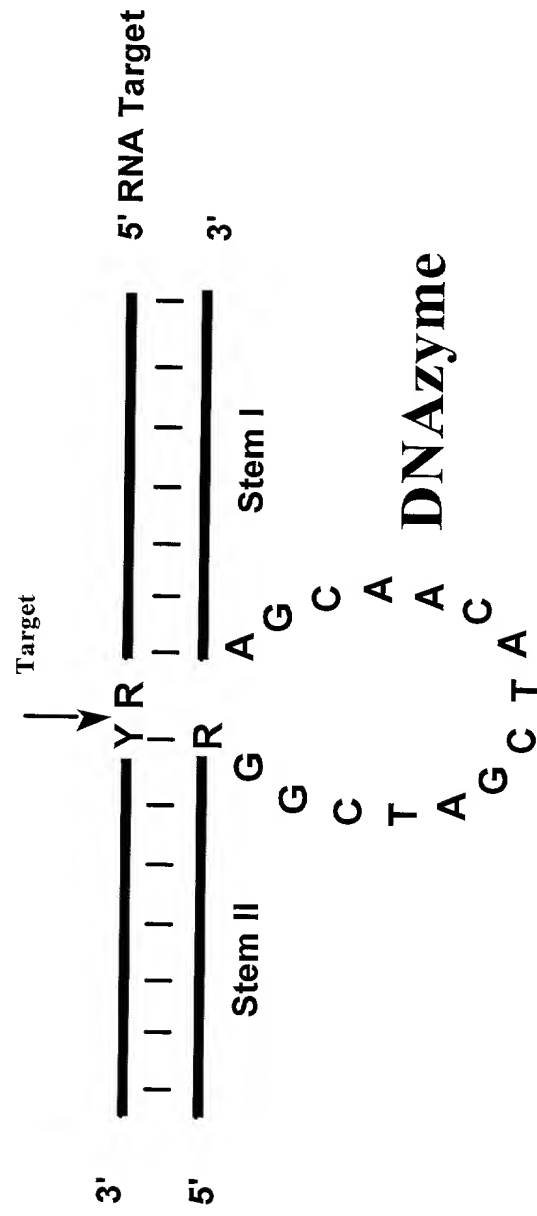


Figure 5: DNAzyme Motif



Legend

Y = U or C

R = A or G

FIGURE 6 *Dual Reporter System for Cytoplasmic HCV Target*

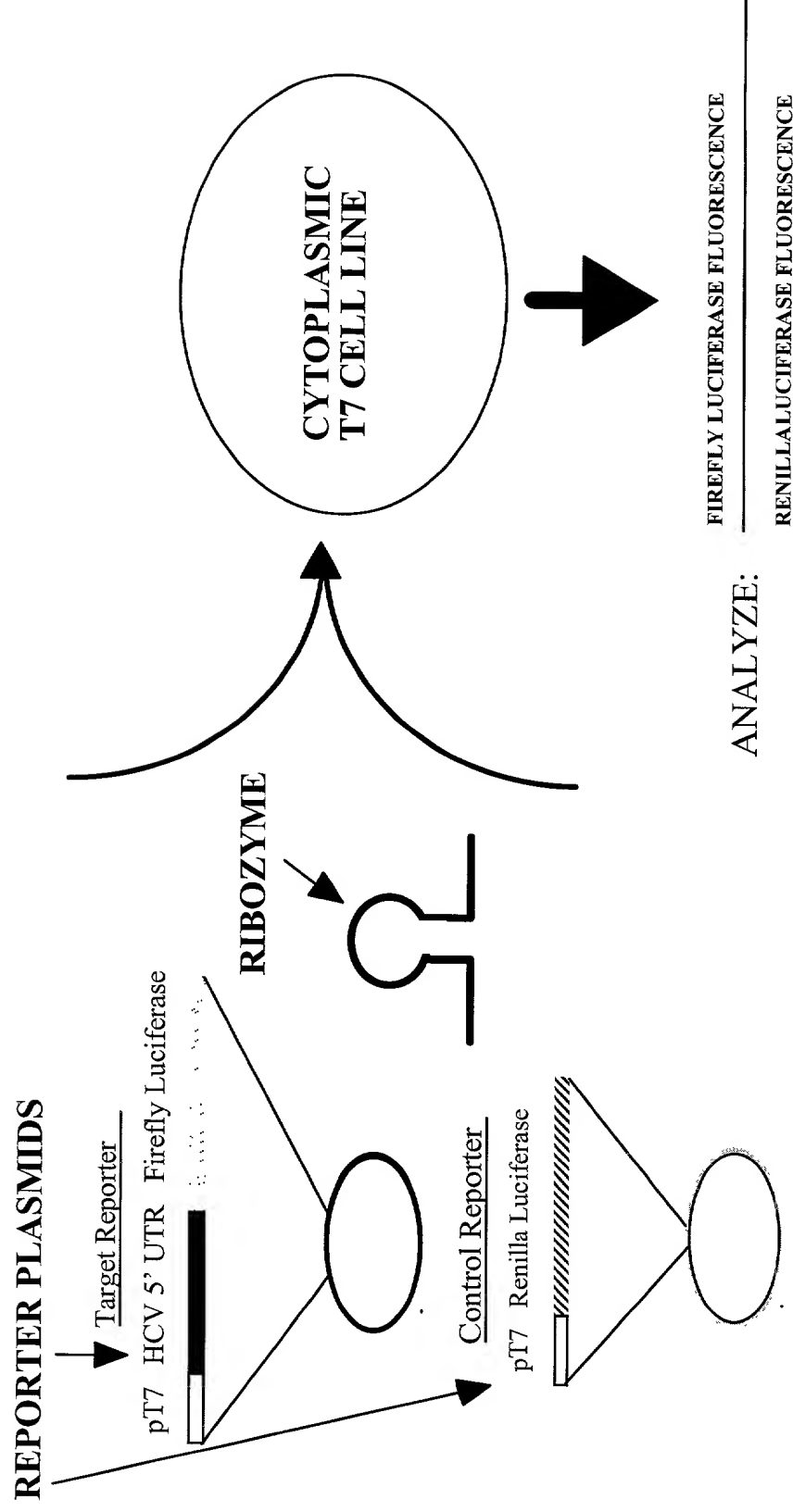
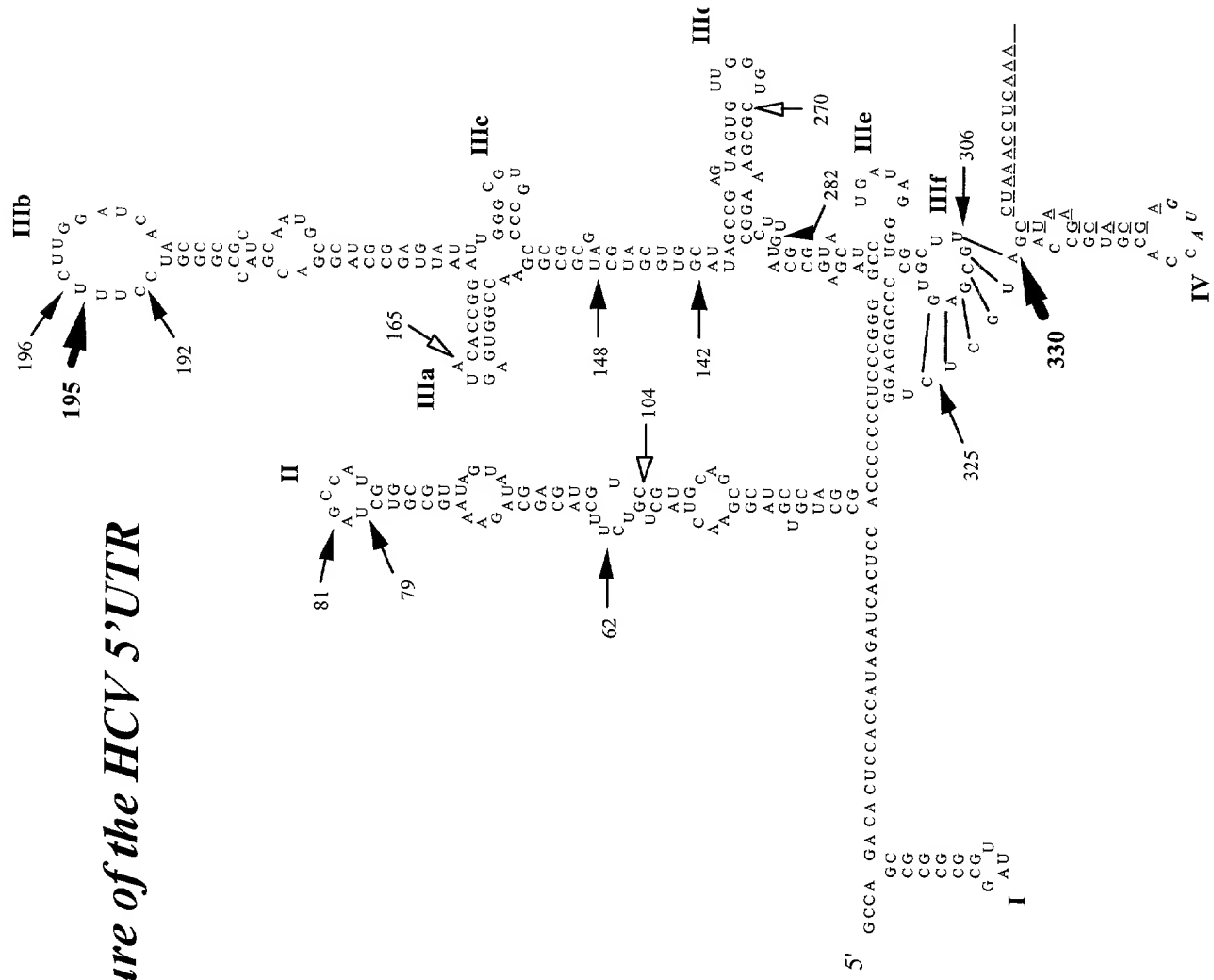


Figure 7: Secondary structure of the HCV 5'UTR



**Figure 9: Enzymatic nucleic acid mediated inhibition of HCV-
luciferase expression**

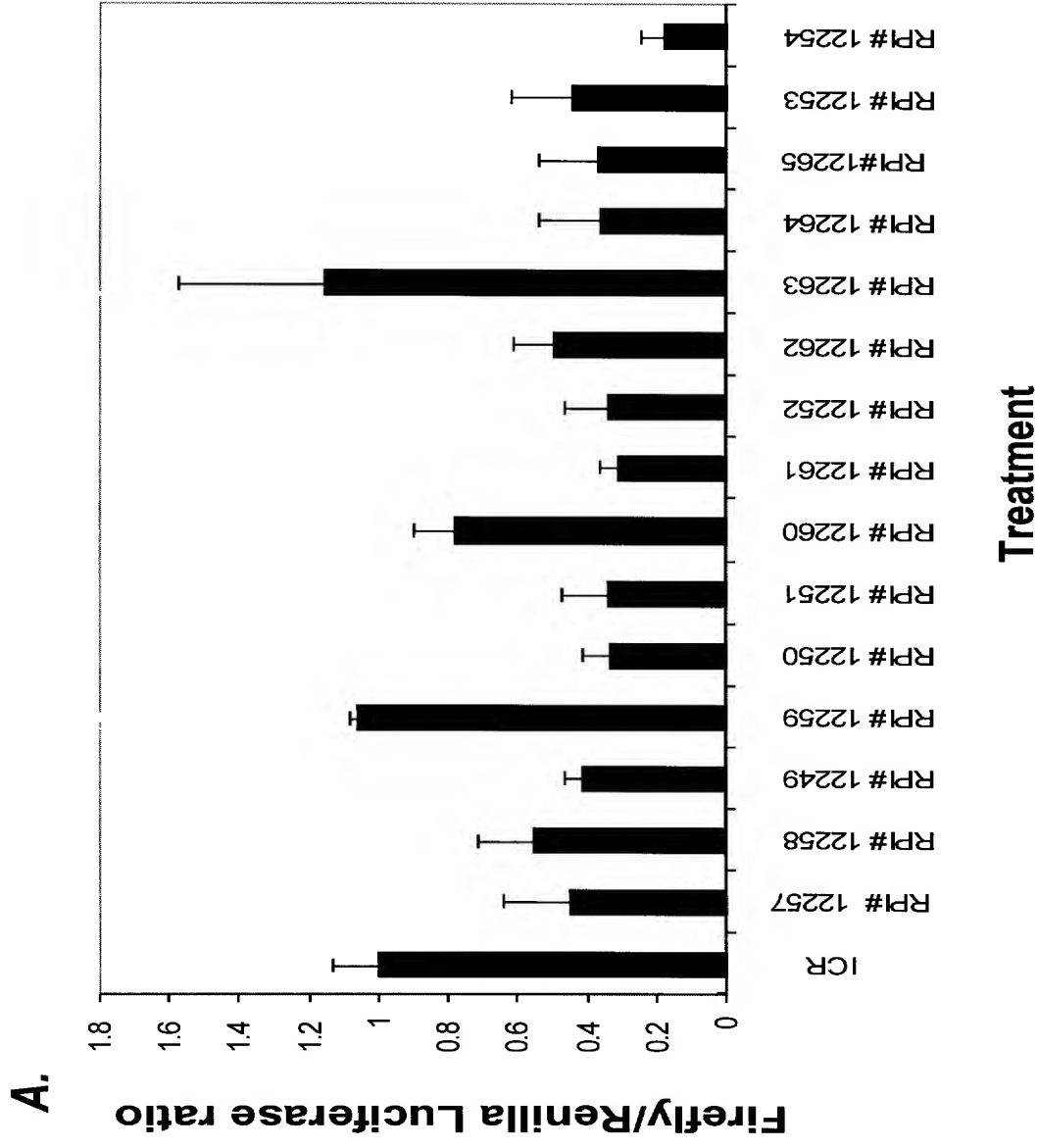


Figure 9: Enzymatic nucleic acid mediated inhibition of HCV-luciferase expression

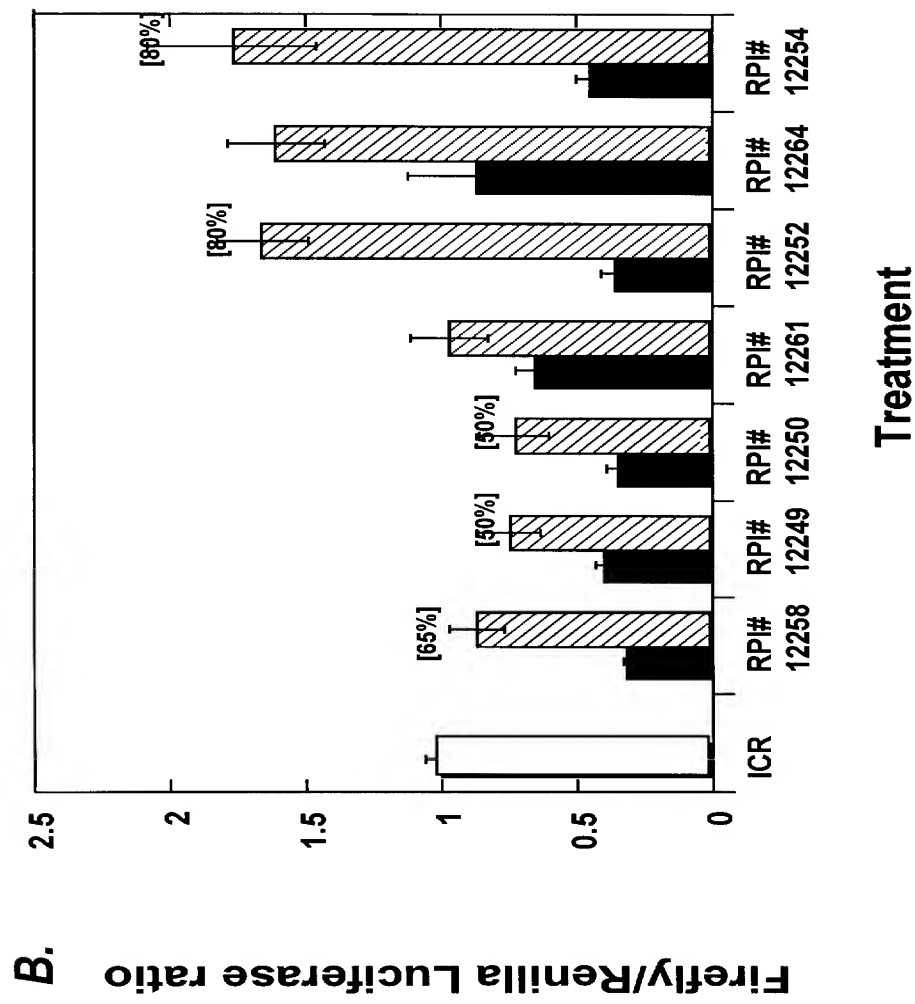


Figure 10: Dose-dependent enzymatic nucleic acid inhibition of HCV/luciferase expression

A.

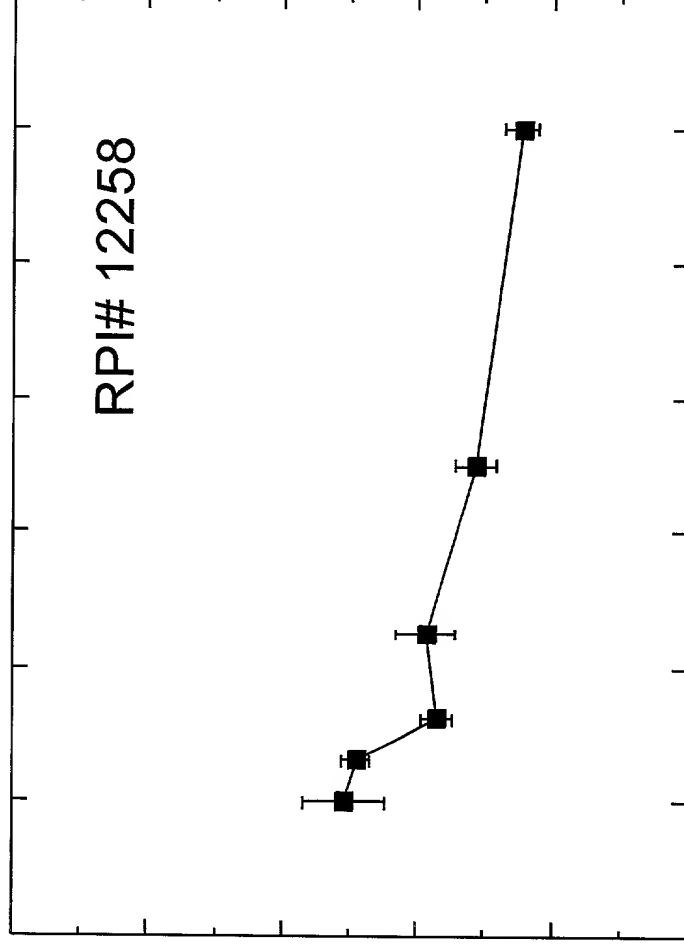


Figure 10: Dose-dependent enzymatic nucleic acid inhibition of HCV/luciferase expression

B.

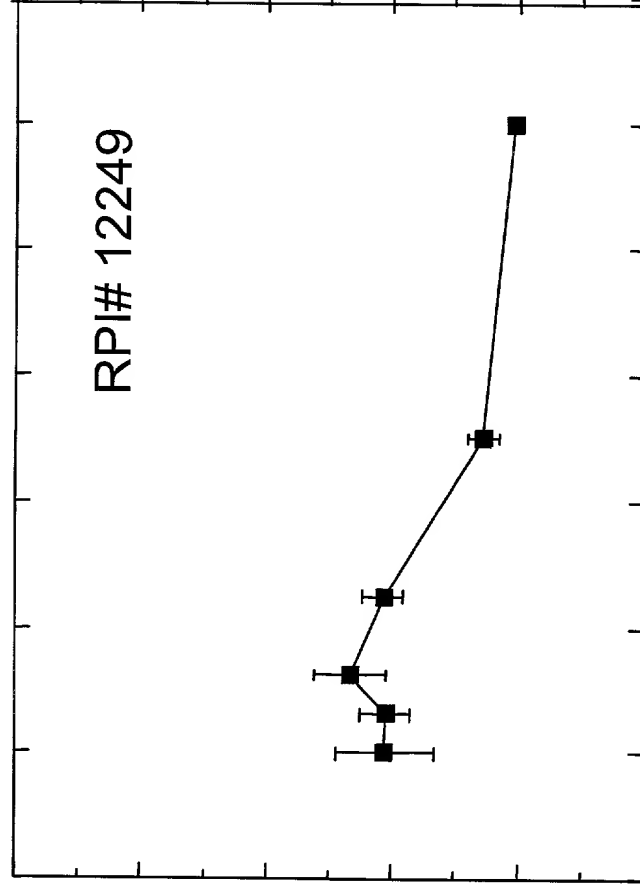


Figure 10: Dose-dependent enzymatic nucleic acid inhibition of HCV/luciferase expression

C.

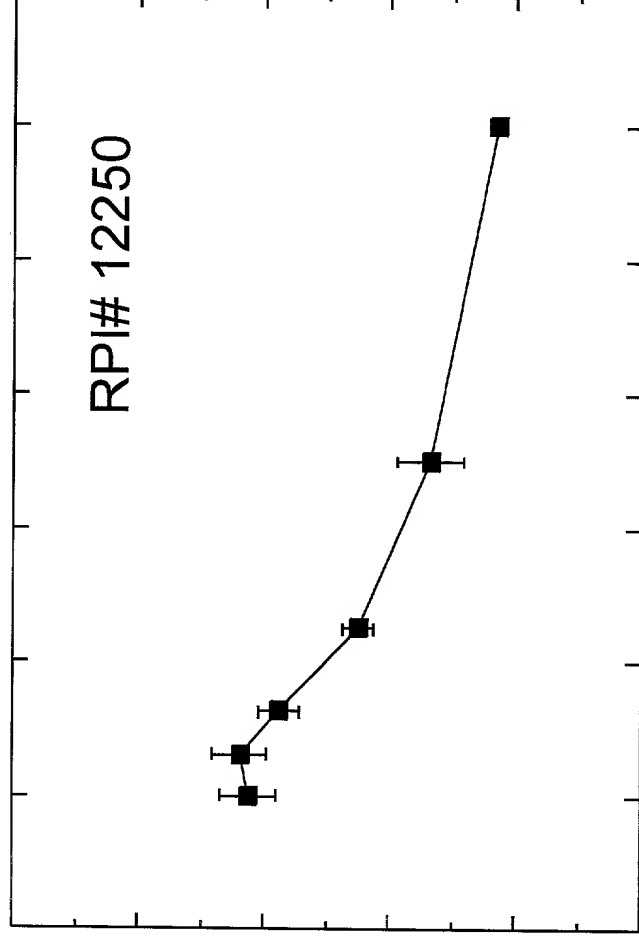
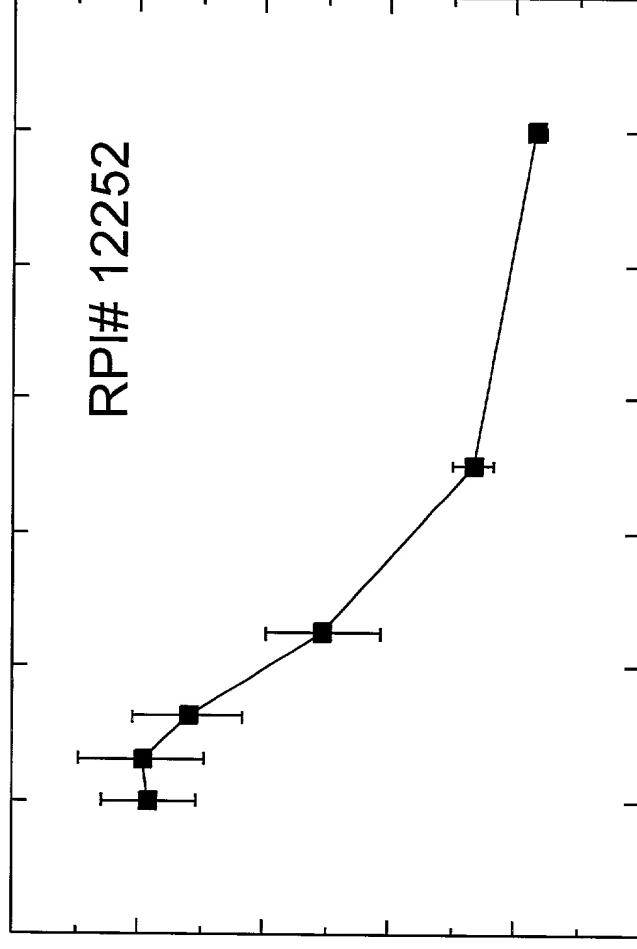


Figure 10: Dose-dependent enzymatic nucleic acid inhibition of HCV/luciferase expression

D.



**Figure 10: Dose-dependent enzymatic nucleic acid inhibition
of HCV/luciferase expression**

E.

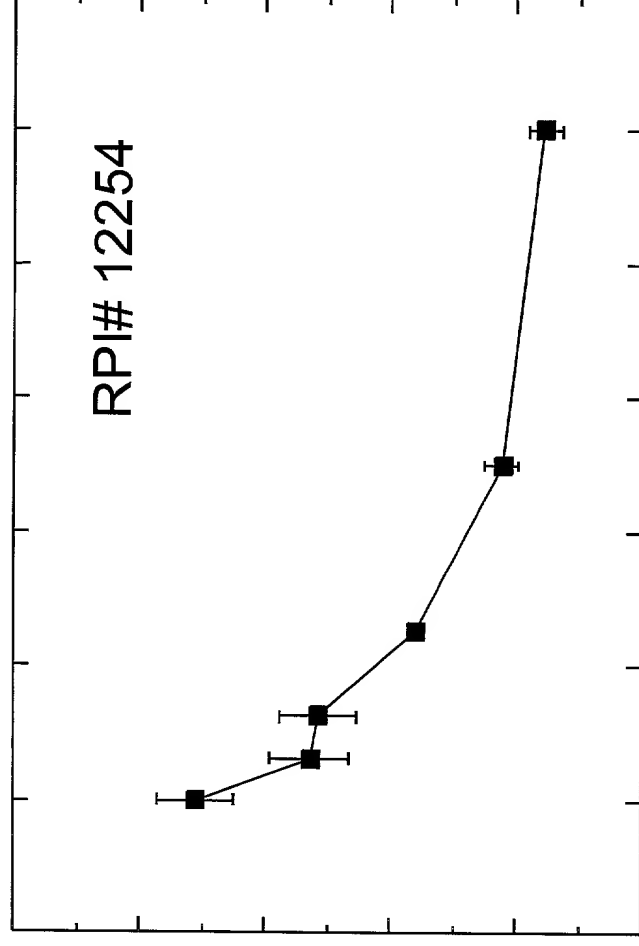


Figure 11: Enzymatic nucleic acid reduction of HCV/luciferase RNA and inhibition of HCV-luciferase expression

A.

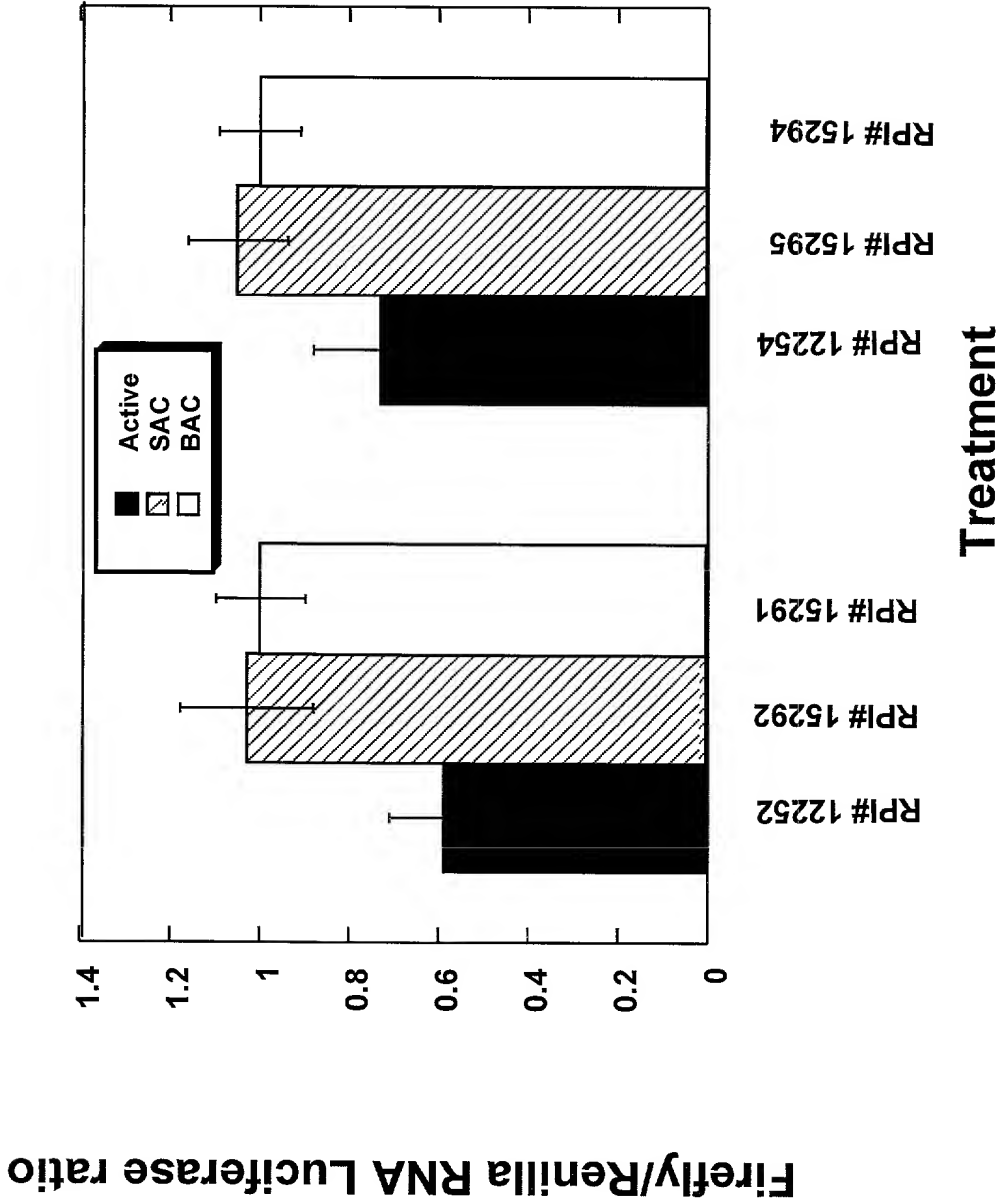


Figure 11: Enzymatic nucleic acid reduction of HCV/luciferase RNA and inhibition of HCV-luciferase expression

B.

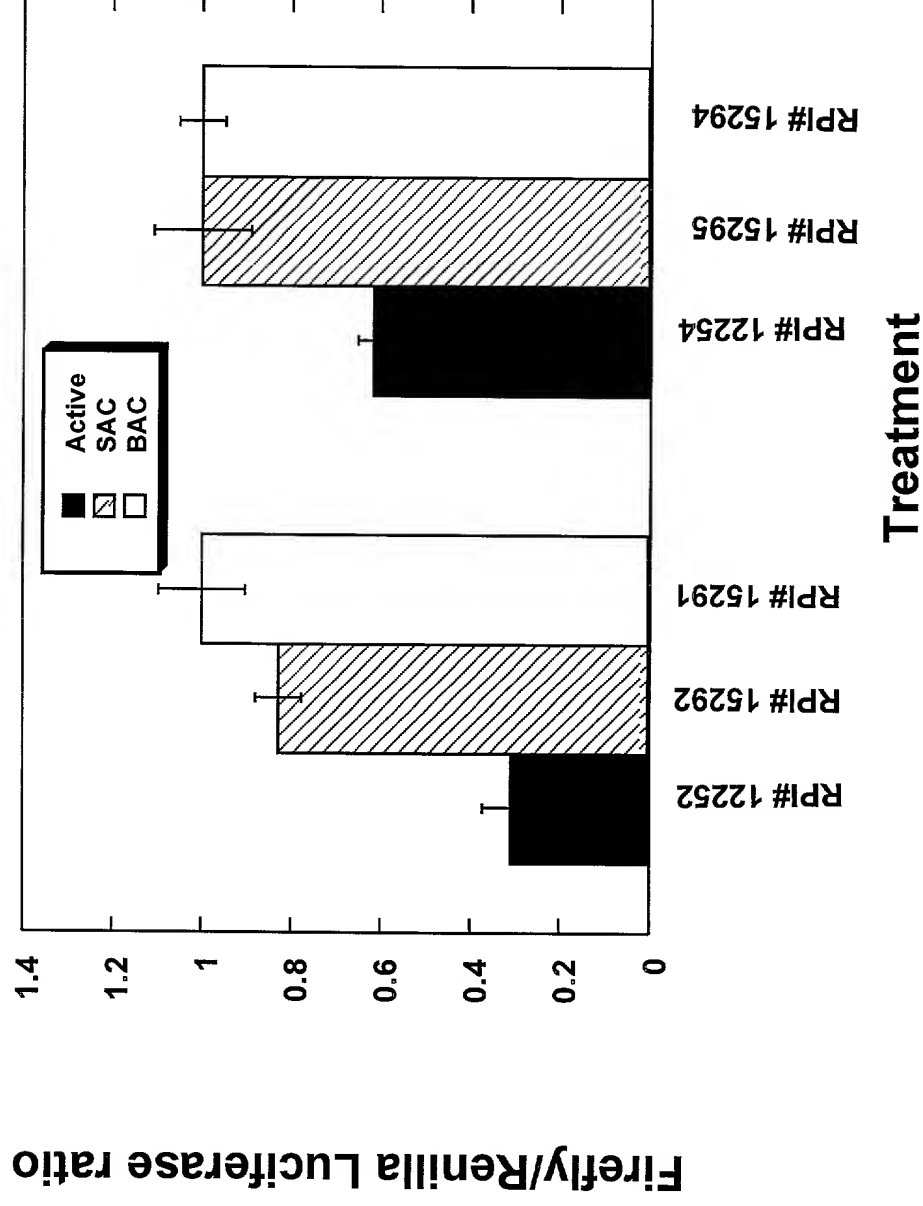
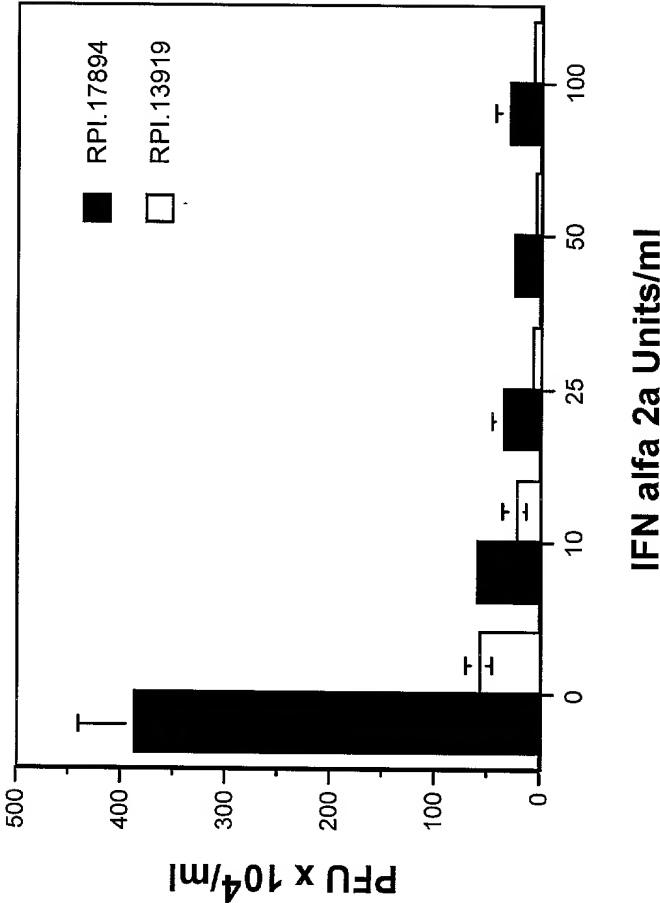
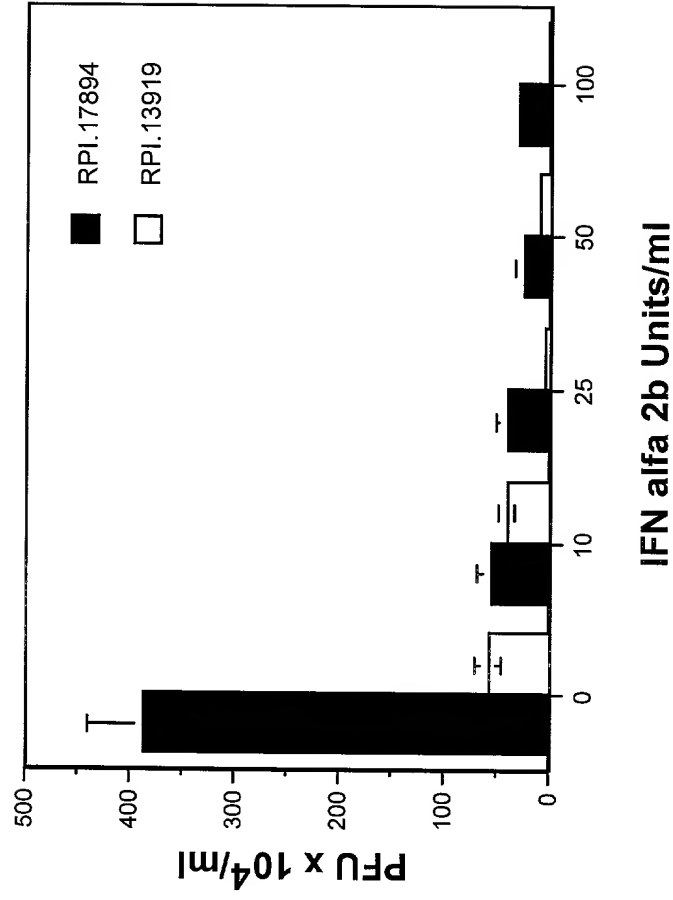


Figure 12: Interferon Dose response with Enzymatic Nucleic Acid



A.

Figure 12: Interferon Dose response with Enzymatic Nucleic Acid



B.

Figure 13: Site 195 anti-HCV enzymatic nucleic acid dose response in combination with interferon pretreatment

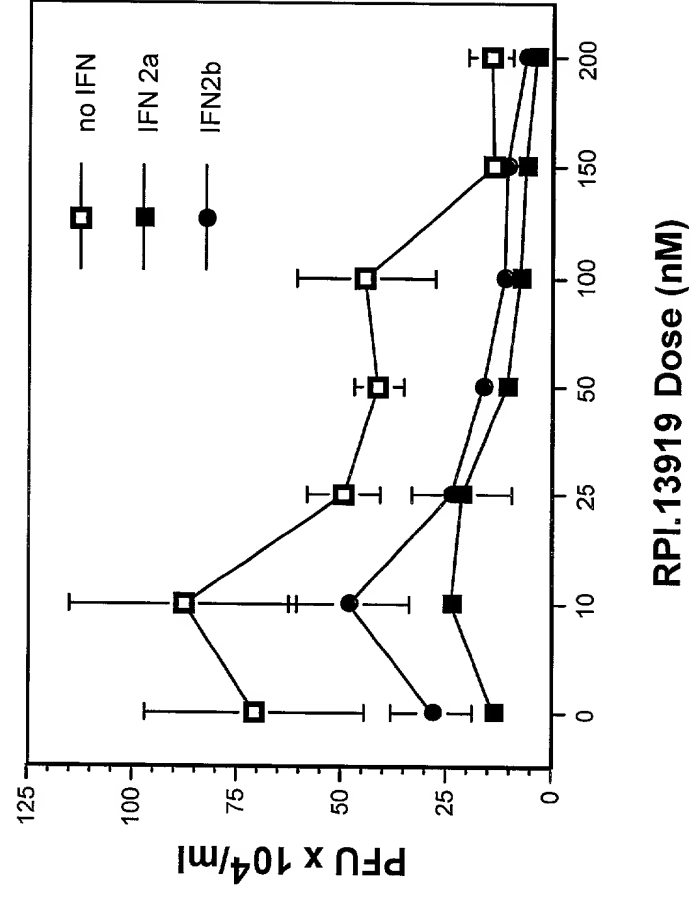


Figure 14A: CIFN dose response with site 195 anti-HCV enzymatic nucleic acid treatment

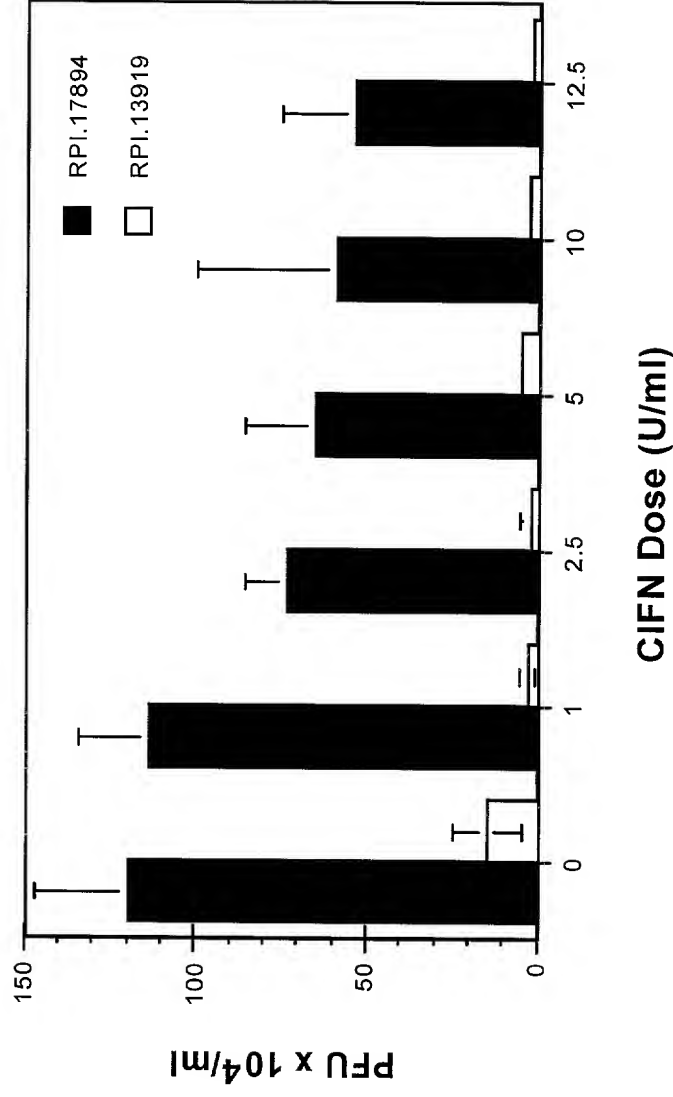


Figure 14B: Site 195 anti-HCV enzymatic nucleic acid dose response with CIFN pretreatment

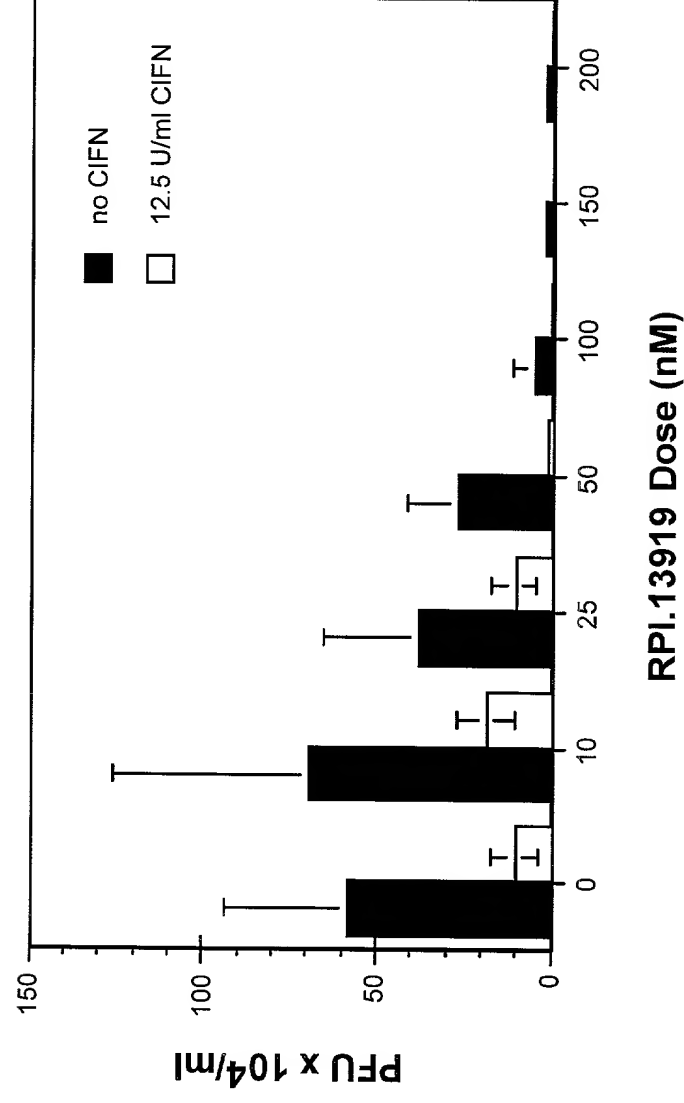
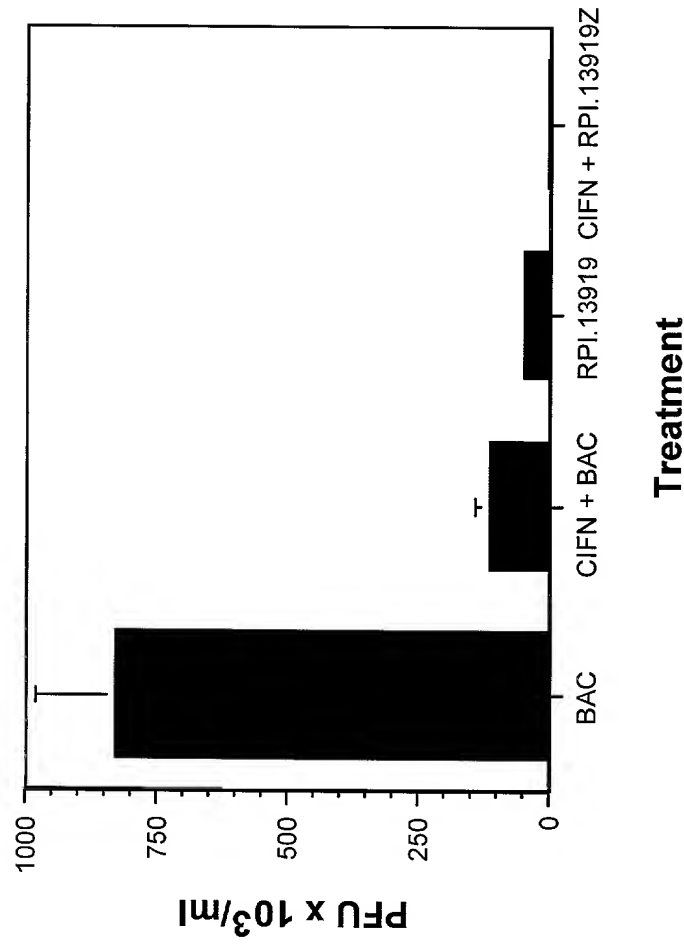
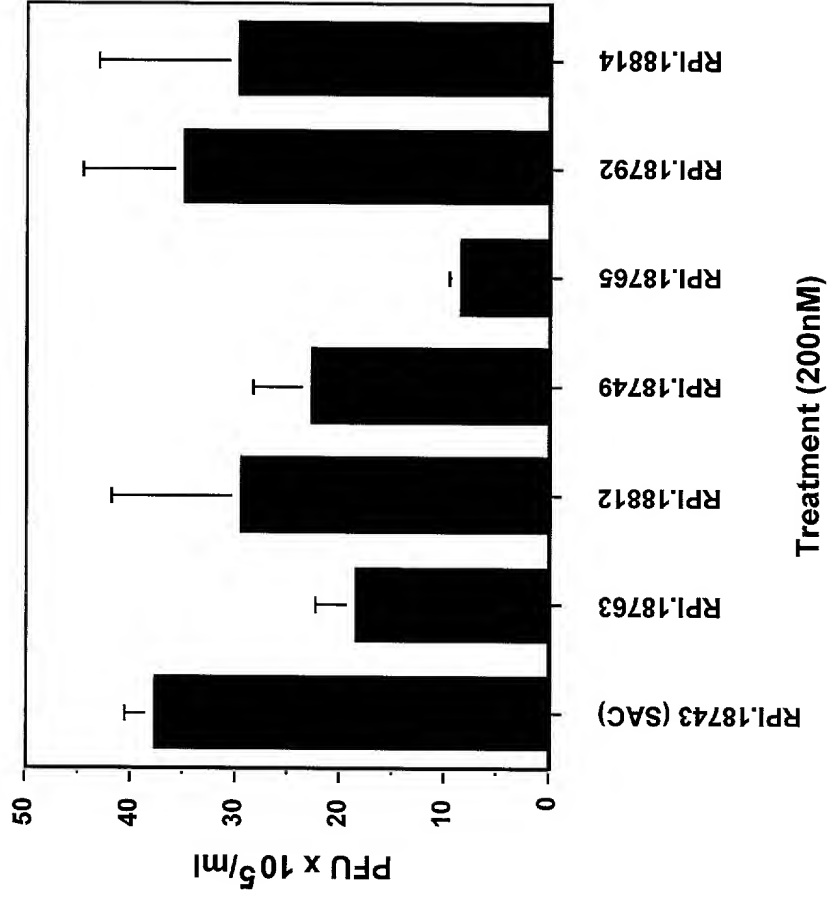


Figure 15: Enhanced antiviral effect of an anti-HCV enzymatic nucleic acid targeting site 195 used in combination with consensus interferon (CIFN)



**Figure 16: Inhibition of HCV-PV Replication
by Zinzyme Treatment**



**Figure 17: Inhibition of HCV-Poliovirus Replication
by Antisense**

